

# Certificate of Analysis



Company	<b>Alkaline for Life</b>
Product Name	<b>Alkalizing Minerals+</b>
Bulk Prod #	ILPE002B
Pkg. Prod #	2301451
Manuf. Date	Apr-22

### Physical specifications (Composition/ID)

Test Description	Specification	Result	Method
Appearance	White Clear Film Coated Tablets	Complies	Organoleptic
Identification	Meets Standard	Compares	COOCL-000005
Average Weight	1780 mg ± 5%	1820 mg	SOP-SSIL-000003
Weight Variation	NMT 2 of 20 tablets exceeds ± 5% and no tablet exceeds. ± 10 % of the average weight	Complies	SOP-SSIL-000003
Thickness	0.340 ± 0.050"	Complies	SOP-SSIL-000007
Hardness	12.0-50.0 Kp	Complies	SOP-SSIL-000048
Disintegration	NMT 45 Minutes	5 minutes	SOP-SSIL-000004/DT

### Microbiology

Test Description	Specification	Result	Method
Total Aerobic Plate Count	NMT: 10,000 cfu/g	<10,000 cfu/g	BioLumix
Total Yeast and Mold	NMT: 1,000 cfu/g	<1,000 cfu /g	BioLumix
<i>Escherichia coli</i>	Absence in 10 g	Absent	BioLumix
<i>Salmonella</i>	Absence in 10 g	Absent	BioLumix
<i>Staphylococcus aureus</i>	Absence in 10 g	Absent	BioLumix

### Heavy Metal Specifications\* (Contamination)

Test Description	Specifications	Result	Method
Arsenic	ppb	22	ICP-MS
Cadmium	ppb	31	ICP-MS
Lead	ppb	60	ICP-MS
Mercury	ppb	ND	ICP-MS

### Component Specifications by Input (Composition/Purity)

Active Ingredients	Each Tablet Contains	Result	Method
Vitamin C	50 mg	53 mg	HPLC
Vitamin D3 (as cholecalciferol)	2.5 mcg	Complies	COQU-000009
Vitamin K1 (phyloquinone)	187.5 mcg	0.000448 mg/4mg	(FAST_VITK)
Vitamin K2 (as MK-4)		<0.00000320mg/4mg	(FAST_VITK)
Vitamin K2 (as MK-7)	62.5 mcg	0.000148mg/4mg	(FAST_VITK)
Trans Vitamin K2-MK7**		37.1 mcg/g	(FAST_VITK)
Biotin	62.5 mcg	Complies	COQU-000009
Calcium (as acetate, glycinate, succinate, malate, fumarate and citrate)	125 mg	153.6 mg	ICP-MS
Magnesium (as acetate, glycinate, succinate malate, fumarate, and citrate)	125 mg	149.9 mg	ICP-MS
Boron (as citrate)	1.5 mg	1.7 mg	ICP-MS
Zinc (as citrate)	2.5 mg	2.6 mg	ICP-MS
Manganese (as citrate)	3.75 mg	4.4 mg	ICP-MS
Chromium (as citrate)	62.5 mcg	73.2 mcg	ICP-MS
Vanadium (as citrate)	62.5 mcg	112.8 mcg	ICP-MS
Selenium (as l-selenomethionine)	62.5 mcg	85.9 mcg	ICP-MS
Copper (as sebecate)	250 mcg	286.1 mcg	ICP-MS
Silica (calcium silicate, horsetail)	2.5 mg	Complies	COQU-000009
Iodine	750 mcg	Complies	COQU-000009
Iodide (as potassium iodide)	37.5 mcg	Complies	COQU-000009
Strontium (as citrate)	12.5 mg	Complies	COQU-000009

This product has been manufactured in accordance with the master formulation number listed above and in full compliance with cGMP requirements or their equivalent. The batch processing, packaging and analysis records were reviewed and found to be in compliance with cGMP.

\*\*Vitamin K2 analyzed by Eurofins, Madison, WI